FIG. 1A

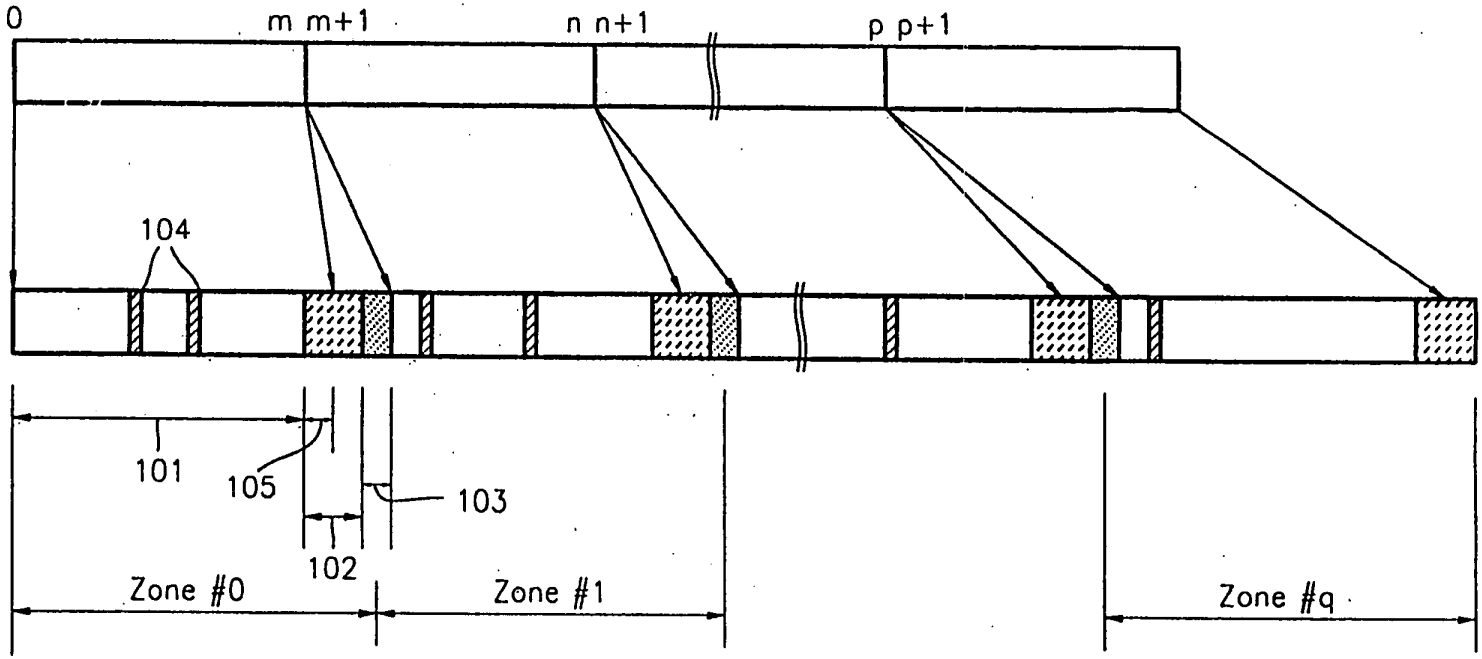


FIG. 1B

FIG. 2A

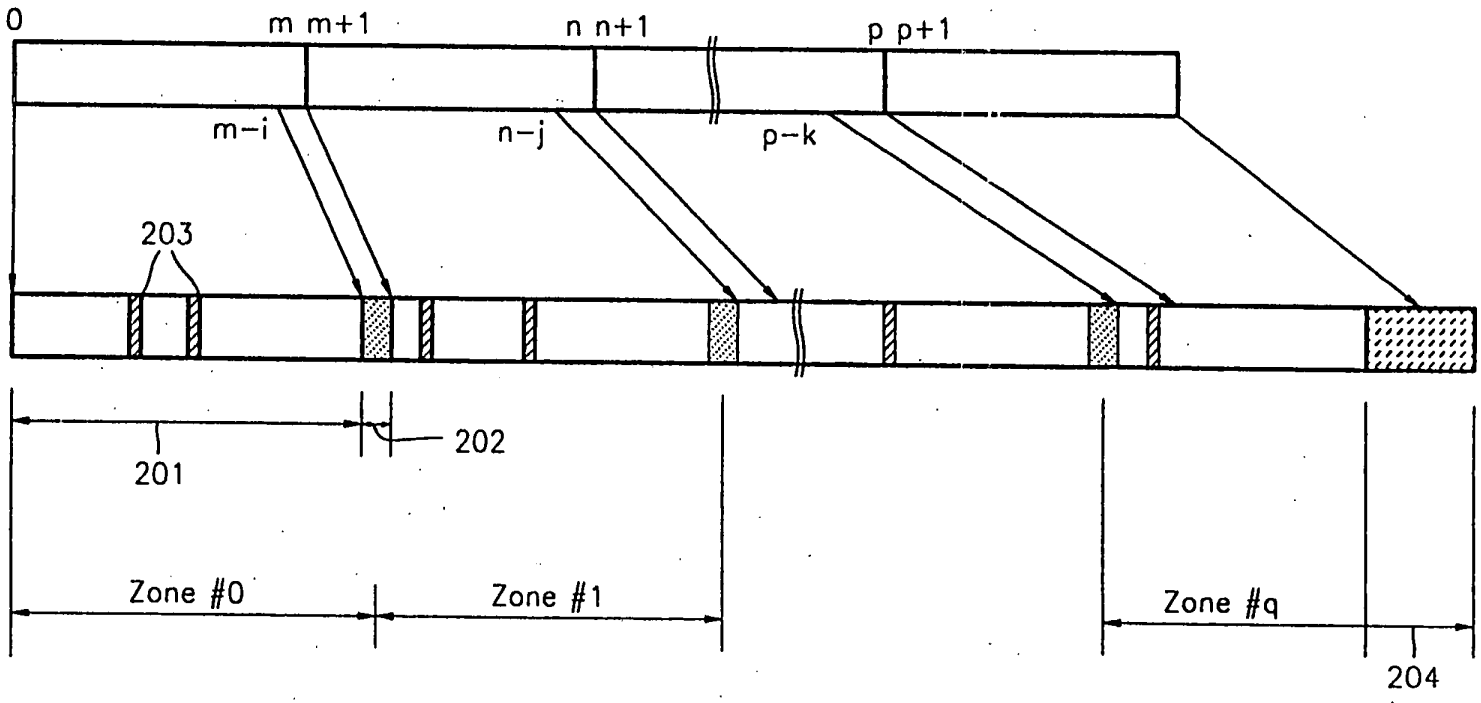


FIG. 2B

FIG. 3A

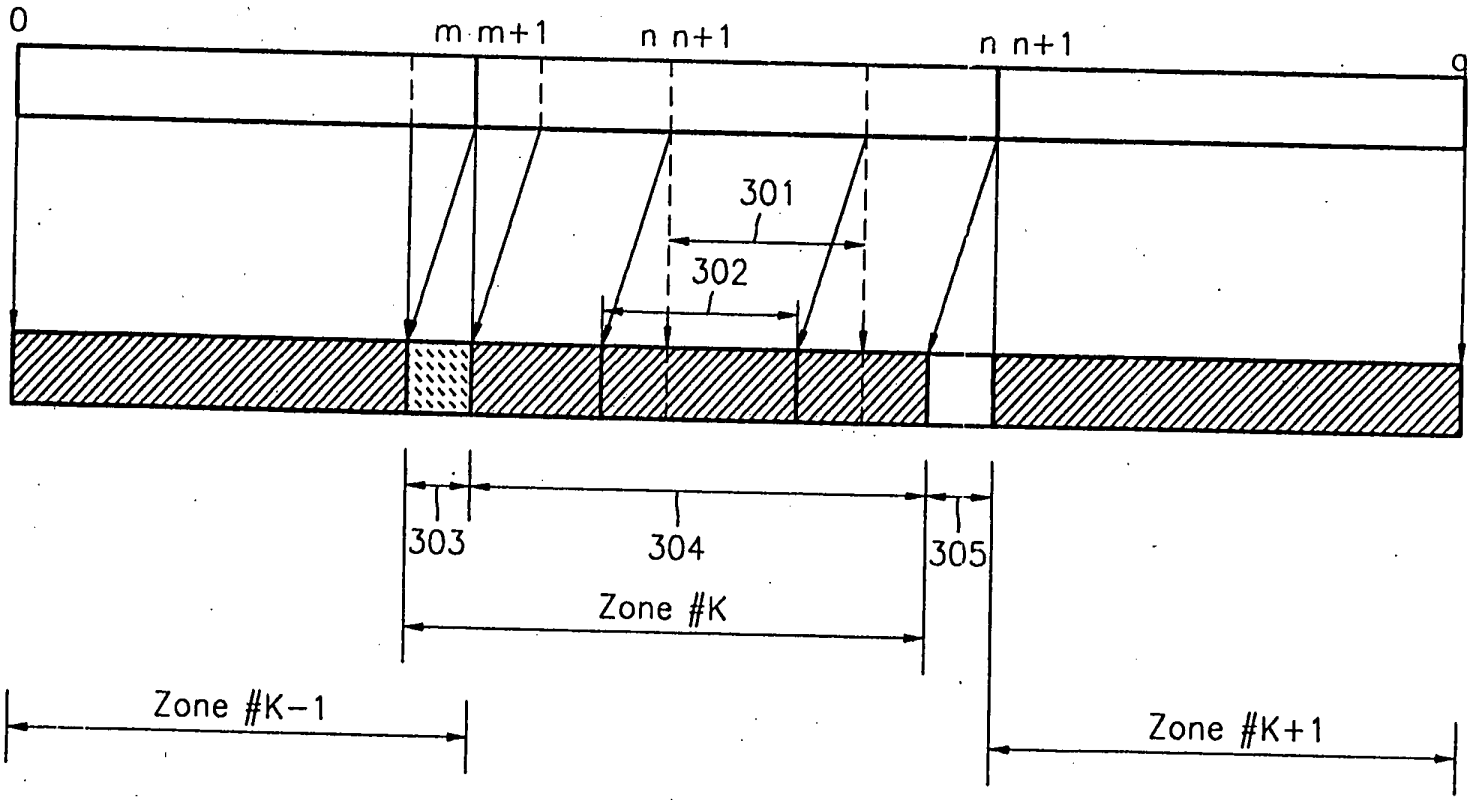


FIG. 3B

FIG. 4A

RBP	CONTENTS	NUMBER OF BYTES
0 TO 3	START SECTOR NUMBER FOR ZONE 0	4 BYTES
4 TO 7	START SECTOR NUMBER FOR ZONE 1	4 BYTES
• • •	• • •	• • •
136 TO 139	START SECTOR NUMBER FOR ZONE 34	4 BYTES

FIG. 4B

b31 • • • b24	b23 • • • b0
RESERVED	START LOGICAL SECTOR NUMBER

FIG. 5

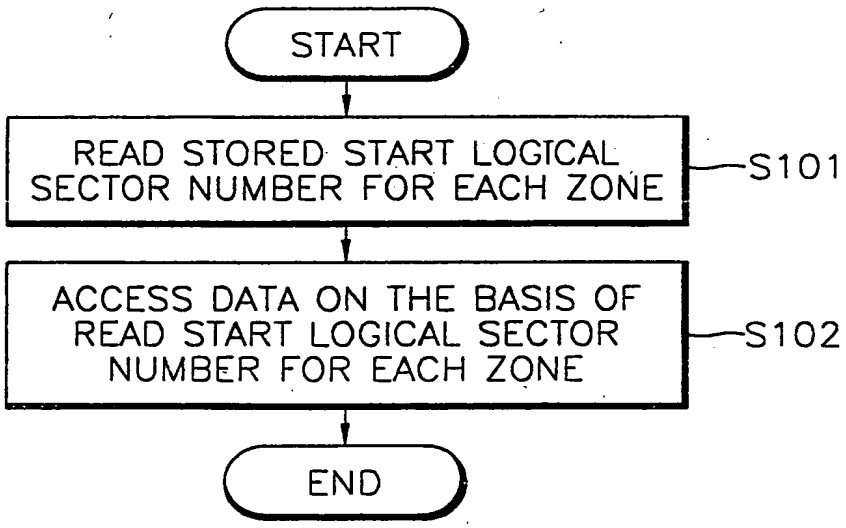

START
READ STORED START LOGICAL SECTOR NUMBER FOR EACH ZONE
S101
ACCESS DATA ON THE BASIS OF READ START LOGICAL SECTOR NUMBER FOR EACH ZONE
S102
END

FIG. 6

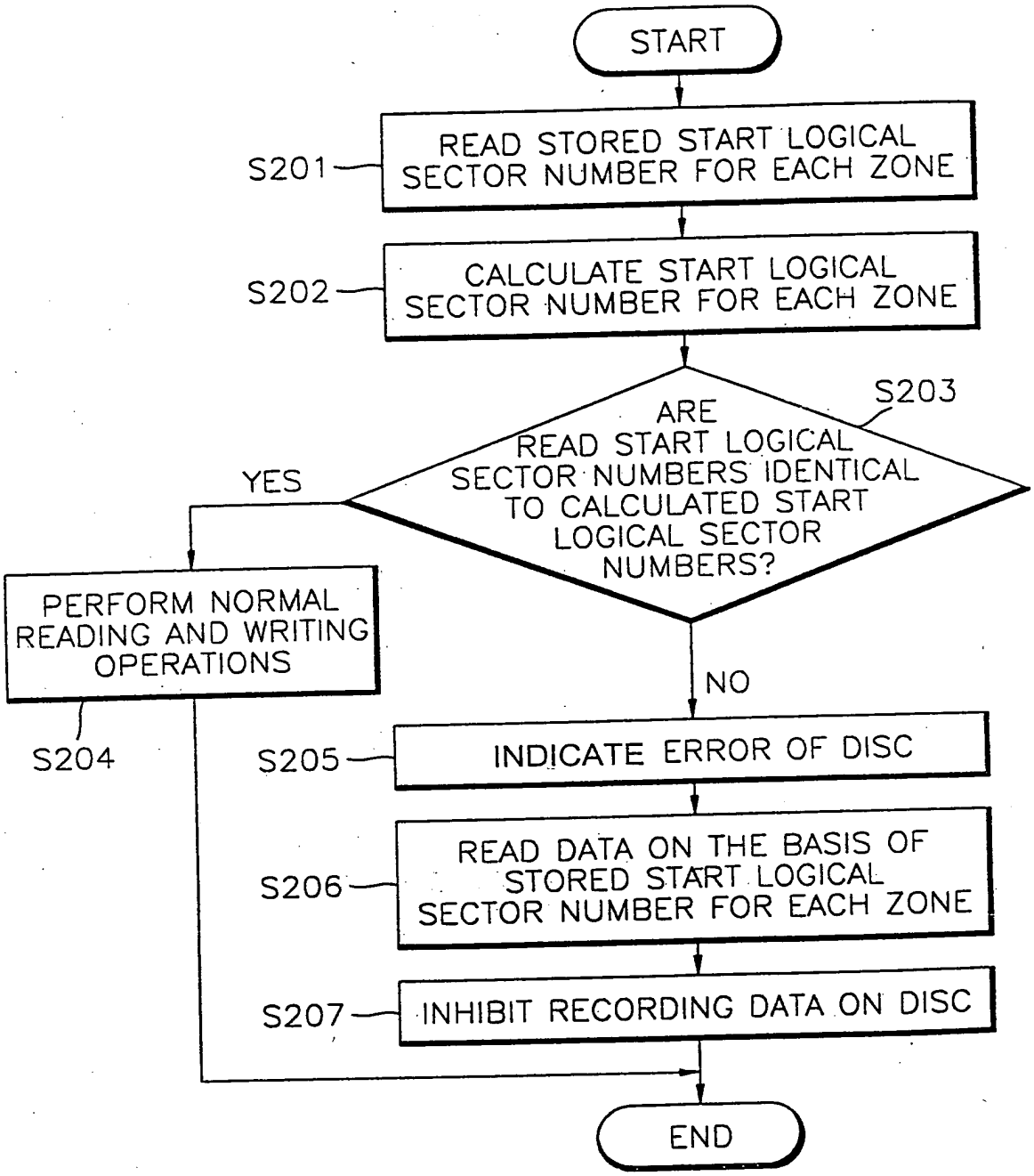
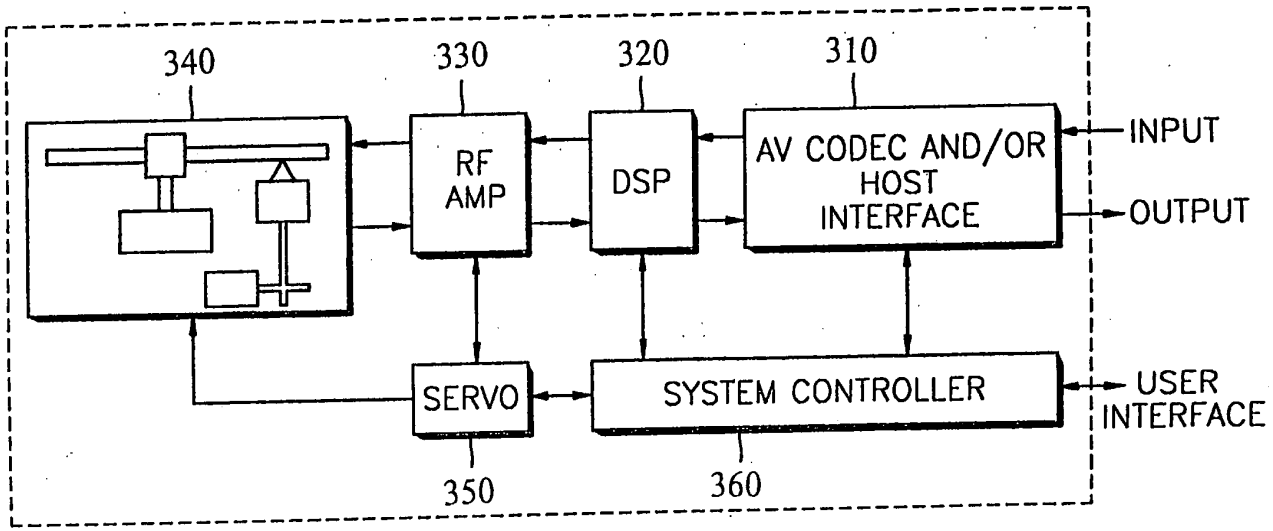

START
S201
READ STORED START LOGICAL SECTOR NUMBER FOR EACH ZONE
S202
CALCULATE START LOGICAL SECTOR NUMBER FOR EACH ZONE
S203
ARE READ START LOGICAL SECTOR NUMBERS IDENTICAL TO CALCULATED START LOGICAL SECTOR NUMBERS?
YES
NO
PERFORM NORMAL READING AND WRITING OPERATIONS
S204
S205
INDICATE ERROR OF DISC
S206
READ DATA ON THE BASIS OF STORED START LOGICAL SECTOR NUMBER FOR EACH ZONE
S207
INHIBIT RECORDING DATA ON DISC
END

FIG. 7


340
330
320
310
RF AMP
DSP
AV CODEC AND/OR HOST INTERFACE
INPUT
OUTPUT
SERVO
SYSTEM CONTROLLER
USER INTERFACE
350
360